Theater Support Vessel (TSV)

October 22, 2003
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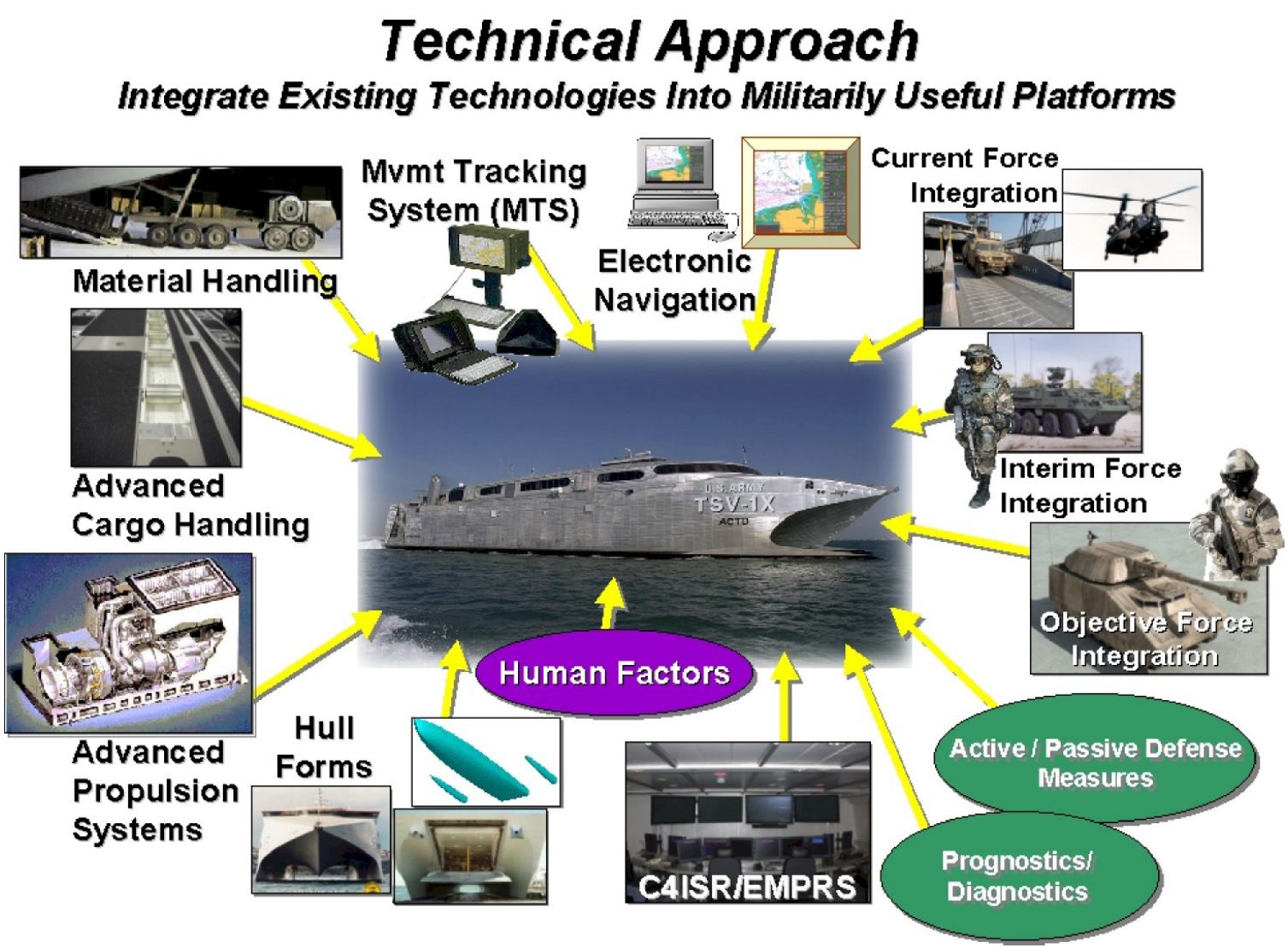
Illustration/Cutaway



Theater Support Vessel (TSV)

TSV is a high-speed, shallow draft vessel which utilizes the most advanced COTS technologies in a military unique platform. TSV is rapidly reconfigurable to support joint mission requirements. TSV provides Joint Combatant Commanders a multi-modal, multi-purpose platform. TSV delivers 16 C-17 equivalent loads. TSV delivers troops and equipment together; thereby reducing or eliminating reception and staging in theater of operations.

System Description

MISSION: Supports intra-theater lift mission. Capable of operational maneuver from stand-off distances into 5 times as many ports. Provides intra-theater lift of ready-to-fight forces. Provides sustainment in minor/degraded ports.

PERFORMANCE
- Self-Deployable @ 36+ Knots
- Transports 354 troops with vehicles and equipment up to 1,250 nautical miles

FIELDING
AAO: 24 (TAA 11)
FUE: TBD
Fielding Plan: TBD

SPECIAL FEATURES
- Shallow Draft
- Advanced Cargo Handling System
- C4ISR/EMPRS
- Movement Tracking System (MTS)
- Active/Passive Defense Measures
- Prognostics/Diagnostics

PRINCIPLE CONTRACTOR
Bollinger/Incat, Lockport, LA (Lease)

CONGRESSMAN
TBD

Funding Requirements

Type Fund	FY04	FY05	FY06	FY07	FY08	FY09	FY10	FY11
RDT&E Required		TBD	TBD	TBD	TBD	TBD	TBD	TBD
RDT&E Funded	$65.70	$66.20	$3.60	$5.50	$5.50	$3.30	$3.49	$3.61
OPA Required			TBD	TBD	TBD	TBD	TBD	TBD
OPA Funded			$33.20	$42.70	$356.50	$373.00	$230.00	$236.62
Total System Procured			TBD	TBD	TBD	TBD	TBD	TBD

POCs

SSO: LTC Harris, 703-602-5272
DALSO: LTC Reich, 703-614-0013
RSO: LTC Chevlin, 703-692-8213
OI: LTC Westbrook, 703-692-7485
PM: LTC Winters, 586-574-8829
DASC: Mr. Martin, 703-604-7245
CASCOM: CW5 Keith, 804-734-1615

ACAT: III
DoD Oversight: No
Cost: $149M (includes military mods)
Spt Future Force: Yes
Spt SBCT: Yes
Min Proc Rate: 1 per year
1-8-5 Rate:
Max Rate: 2 per year

Current Status

ACQ STRATEGY: TBD

STATUS: ACTD Ongoing

SCHEDULE: TBD

TOTAL SYSTEMS PRODUCED: 0

ISSUES: G-3 To Determine How Many Vessels By When. Multi-Year Capital Lease. G-8 To Choose Most Viable Acquisition Path Forward. G-8 To Work Funding Shortage In Fy06-11 POM. Additional R&D Funding FY 06-07 to Continue Lease. Multi-Year Authority For Future Procurement Integration of Military Unique Items Into Commercial Platform.

PRIORITIES: CoT 1-n List Top Priority #1/4

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TSV Procurement Options

Current Position FY 08 Start

POM 05-09	FY04	FY05	FY06	FY07	FY08	FY09	FY10	FY11	TOTAL
Production FY08 Start					2	2			4
Delivered/On Hand							2	4	4
OPA Total Cost ($M)	0.00	0.00	6.89	0.00	334.19	340.78			681.86
BES POSITION	0.00	0.00	33.22	42.72	356.51	373.00			805.45
OPA Deltas POM 05-09	0.00	0.00	26.33	42.72	22.32	32.22	0.00	0.00	123.59

POM 06-11 FY07 Start

POM 06-11									
Production FY07 Start				1	2	2	2	2	9
Delivered/On Hand						2	3	5	5
OPA Total Cost ($M)	0.00	0.00	6.89	161.38	334.19	340.78	352.52	354.32	1550.08
BES POSITION	0.00	0.00	33.22	42.72	356.51	373.00	230.00	236.00	1271.45
OPA Deltas POM 06-11	0.00	0.00	26.33	(118.66)	22.32	32.22	(122.52)	(118.32)	(278.63)

POM 06-11 FY06 Start

POM 06-11									
Production FY06 Start			1	1	2	2	2	2	10
Delivered/On Hand					1	2	4	6	6
OPA Total Cost ($M)	0.00	0.00	170.87	167.46	337.93	339.58	348.04	354.32	1718.20
BES POSITION	0.00	0.00	33.22	42.72	356.51	373.00	230.00	236.00	1271.45
OPA Deltas POM 06-11	0.00	0.00	(137.65)	(124.74)	18.58	33.42	(118.04)	(118.32)	(446.75)

RDT&E Option

R&D Program extending capability through FY07or FY08 : execute together with procurement option

R&D Total Cost ($M)	65.68	66.24	54.86	52.86	52.23	0.00	0.00	0.00	291.87
R&D POM Funding	65.68	66.24	3.63	3.63	0.00	0.00	0.00	0.00	139.17
R&D Deltas	0.00	0.00	(51.23)	(49.23)	(52.23)	0.00	0.00	0.00	(152.70)

Total OPA & RDTE Delta by Program Start

	FY08 Start: (29.10)	FY07 Start: (431.33)	FY06 Start: (547.21)	

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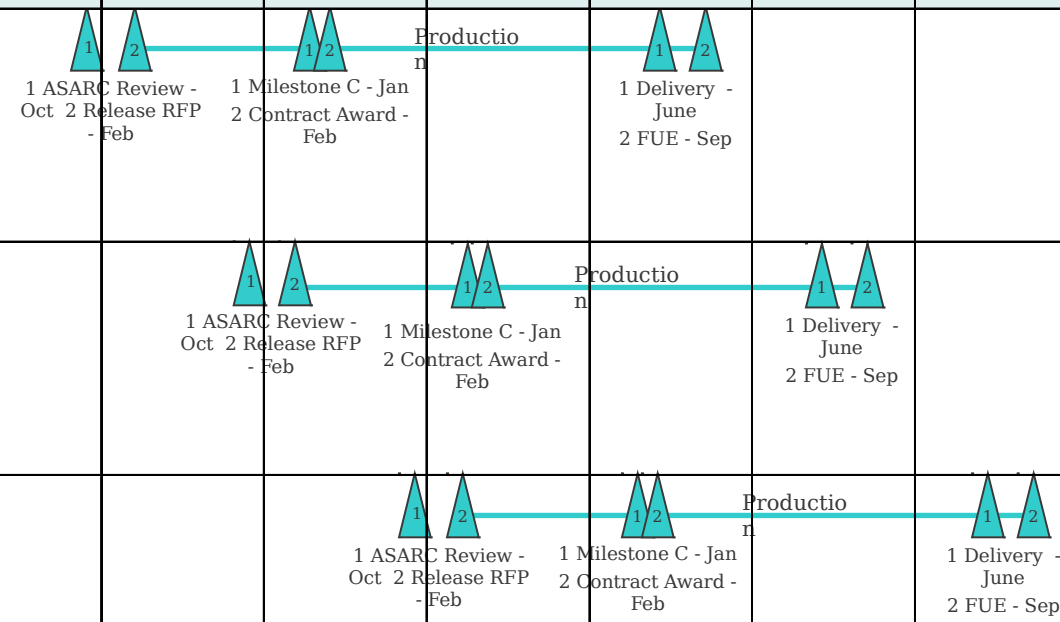
OTSV Start Options FY06-08

Initial Events:

- AOA Complete Nov 03
- Army Cost Position Sep 04

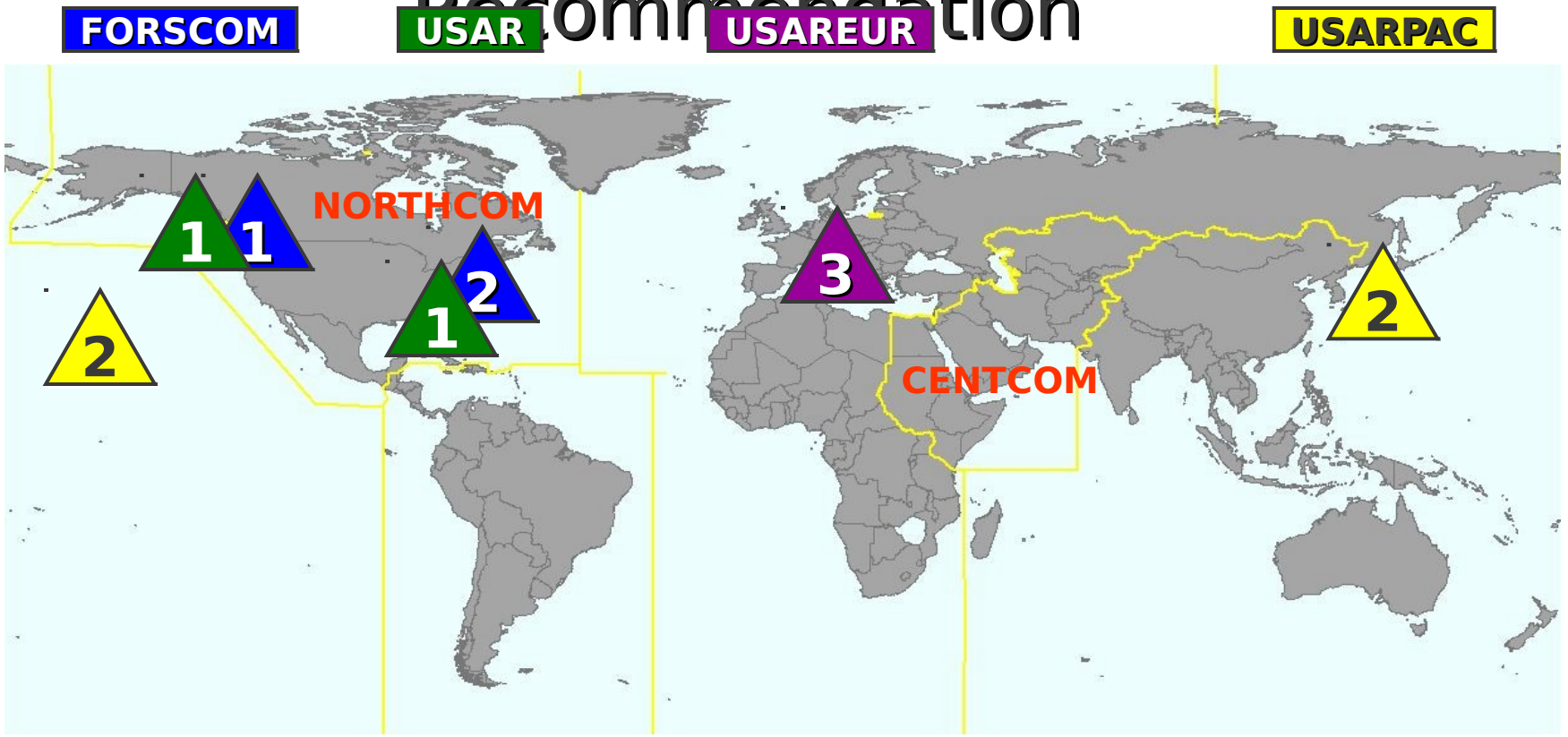
FY	FY04	FY05	FY06	FY07	FY08	FY09	FY10	FY11	FY12
Option #1 FY06 Start									
Option #2 FY07 Start									
Option #3 FY08 Start									



As of 10/14/03

TSV Stationing Recommendation

U.S. ARMY



12 TSVs